

## QGIS Application - Bug report #20067

### Duplicate feature action fails with PostgreSQL error message

2018-10-10 11:52 AM - Andreas Neumann

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> David Signer	
<b>Category:</b> Actions	
<b>Affected QGIS version:</b> 3.3(master)	<b>Regression?:</b> Yes
<b>Operating System:</b> any	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b> No	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b> No	<b>Copied to github as #:</b> 27889
<b>Description</b>	
<p>The Duplicate feature action that is available from the Actions menu of a feature form is currently broken in QGIS 3.2 and QGIS master. It still work fine in QGIS 3.0.x</p> <p>The issues might be specific to my project and data structure.</p> <p>The affected column that causes issues also has a default value attached, that is created by a custom Python expression.</p> <p>In version 3.2.x nothing happens when trying to digitize the duplicate, in 3.3x there is the following error message:</p> <hr/> <p>CRITICAL: Layer EWS_Anlage: PostGIS-Fehler beim Attributhinzufügen: ERROR: value too long for type character varying(7).</p> <hr/> <p>However, the values that are generated by the custom python expression function are exactly 7 characters long.</p> <p>Could it be that in 3.2 and master it is trying to commit the expression code instead of the expression result for default values?</p> <p>David should have our project file and DB structure, but I can submit it to others on request.</p> <p>Thanks!</p>	

#### Associated revisions

Revision d26848e9 - 2018-10-15 09:12 AM - David Signer

right order of priorities

by getting the value - if it's unique, first getting the defaults before creating an unique value.

Fix #20067

#### History

#1 - 2018-10-10 11:54 AM - Andreas Neumann

The concerned column is most likely the one named "anlage\_nr" with the following definition:

```
anlage_nr character varying(7) COLLATE pg_catalog."default" NOT NULL,
```

**#2 - 2018-10-10 12:25 PM - David Signer**

- Assignee set to David Signer

**#3 - 2018-10-11 10:16 AM - David Signer**

I've been able to reproduce.

Your expression:

```
get_ews_anlage_gemeinde_formatted() || ':' || get_ews_anlage_nr( get_ews_anlage_gemeinde_formatted() )
```

is displayed as invalid on my build. Not sure how it is on the 3.0.x - can you check?

Has there been a change in the call of the functions like e.g. with an @?

**#4 - 2018-10-11 10:25 AM - David Signer**

Just seen another thing. Could it be that an error is given back and then the error message is tried to write into the field?

But I'll continue research...

**#5 - 2018-10-11 11:45 AM - David Signer**

fyi:

Found the error. It's because it creates a value like "03.0108\_1" in createUniqueValue called by createFeature instead of creating a new default value by expression.

**#6 - 2018-10-11 11:47 AM - Andreas Neumann**

Good catch - thanks!

In 3.0 this still worked fine. So something in 3.2 or master introduced this problem.

Can you fix that?

Many thanks and have a nice weekend?

**#7 - 2018-10-11 11:51 AM - David Signer**

Yes I will fix it. But I have to continue on Monday. Hope you don't mind.

**#8 - 2018-10-11 12:07 PM - Andreas Neumann**

that's fine - thanks!

**#9 - 2018-10-16 03:18 PM - David Signer**

- % Done changed from 0 to 100

- Status changed from Open to Closed

Applied in changeset commit:qgis|d26848e97746ccab3a8ac5c0a9cc56db63e34501.

## Files

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ews_anlage_create-table-statement.txt	7.04 KB	2018-10-10	Andreas Neumann
ews_custom-python-expression.py	1.13 KB	2018-10-10	Andreas Neumann